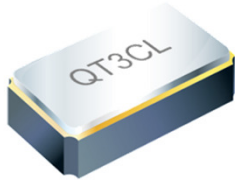




New Product Introduction



**Low ESR (Effective Series Resistance)
32.768kHz Crystal**



QT3CL (3.2 x 1.5mm)

QT2CL (2.0 x 1.2mm)

Technology & Innovation

A special tuning-fork (32.768kHz) crystal design, with hermetic sealing, and ceramic packaging technology.

Performance

- ESR: 50 k Ω Max. (QT3CL)
- ESR: 70 k Ω Max. (QT2CL)
- Frequency Tolerance: +/-20ppm @25C
- Load Capacitance: 4pF, 6pF, 7pF, 9pF, 12.5pF (QT3CL)
- Load Capacitance: 4pF, 12.5pF (QT2CL)
- Operating Temperature: -40C to 85C

Applications

- Wearables
 - Healthcare devices
 - Smart pens
 - Smart controllers
 - Wireless ear buds
 - IoT
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